

**Missouri Assessment Program
Spring 2005**

Mathematics

Scoring Guide for Released Items

Grade 8

Session: 1
Item No.: 3
Page No.: 5
Content Standard(s): 4 Patterns and Relationships
Process Standard(s): 1.6

Exemplary Response:

- (value of y)⁻⁹

AND

- $6^{-1} - 3 = y$

$$^{-6} - 3 = y$$

$$^{-9} = y$$

OR

Other valid process

Score Points:

2 points	Exemplary response
1 point	Correct answer only OR Correct process; error in computation
0 points	Other

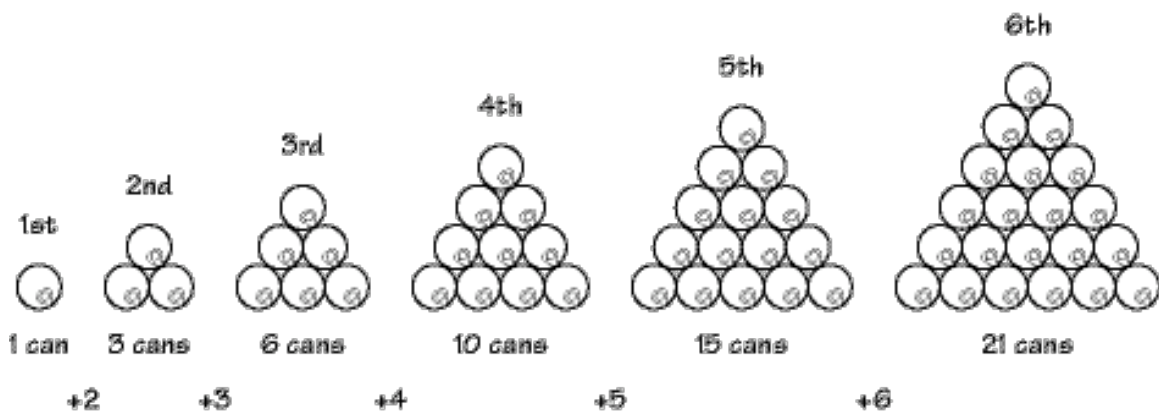
Session: 2
 Item No.: 6
 Page No.: 9
 Content Standard(s): 4 Patterns and Relationships
 Process Standard(s): 1.6

Exemplary Response:

- 21 (cans)

AND

-



OR

- The pattern of cans on the bottom layer increases by consecutive numbers starting with 1 and ending with 6. $1 + 2 + 3 + 4 + 5 + 6 = 21$.

OR

Valid diagram or explanation

Score Points:

2 points	Exemplary Response
1 point	Correct response only
	OR
	Correct response with incomplete or invalid explanation
0 points	Other